

# NOTES:

1. GLAZING OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (8) #8x1" SCREWS INSTALLED IN TOP SECTION ONLY (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 16.8" AND A MAXIMUM LENGTH OF 11.9" FOR THE VERTICAL RASIED PANEL AND MAXIMUM HEIGHT OF 7.0" AND A MAXIMUM LENGTH OF 25.0" FOR THE HORIZONTAL RASIED PANEL. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGION.

2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

3. SLIDE LOCKS OR OPERATOR REQUIRED.

4. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO A MINIMUM .070" FIBERGLASS FACER AND 27 GA STEEL BACKER.

5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

7. SECTION SHALL HAVE A 5" 25 GA STEEL BACKUP PLATE ACROSS THE TOP OF EACH SECTION.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

15 GA MIN HORIZ TRACK

5/16x1-5/8" LAG SCREW (MIN 4 AS SHOWN)

15 GA MIN VERT TRACK

1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT JB-1 JAMB BRACKET

5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET

15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

SECURE LOCK STRIKER PLATE (ONLY REQUIRED WITH SLIDE LOCK) ATTACHED TO TRACK WITH (2) 1/4-20x9/16" TRACK BOLTS AND 1/4-20 NUTS

SLIDE LOCK BOTH ENDS (NOT REQUIRED WITH OPERATOR - SEE NOTE 3)

NOTE: (3) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS FOR DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTION.

## SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-0"	ALL	+115.0/-125.0
16'-0"	ALL	+184.0/-200.0

## JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	7	2" (JB-1), 10" (JB-1), 21-3/4" (JB-1), 29-3/4" (JB-1), 42" (JB-1), 52-1/2" (JB-1), 63-1/4" (JB-1)
8'-0"	4	8	2" (JB-1), 10" (JB-1), 21-3/4" (JB-1), 29-3/4" (JB-1), 39" (JB-1), 48" (JB-1), 57-1/2" (JB-1), 75-1/2" (JB-1)
> 8'-0"			SEE NOTE BELOW

# NOTE:

(JB-1) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.

ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

# REVISIONS

P. CORRECTED BACKER PLATE GAGE IN NOTES. GRT 4/10/07  
P1 CHANGED BACKER STEEL FROM 30 GA TO 27 GA GRT 3/31/08

**Wayne Dalton**

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+23.00/-25.00	MAX WIDTH:	16'-0"	DATE		NAME	
TEST (PSF):	+34.50/-37.50	MAX HEIGHT:	10'-0"	DRAWN	7/13/06	GRT	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED	4/11/07	MRB	
MODEL 9800						SHEET 1 OF 2	
WINDLOAD SPECIFICATION OPTION CODE 1221						DRAWING PART NO.	REV.
						327935	P1

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13 GA ROLLER SLIDE  
ATTACHED TO BRACKET  
WITH 5/16-18 BOLT & NUT  
IN CENTER SLOT AND  
1/4-20x9/16" TRACK BOLT  
& 1/4-20 HEX NUT  
THROUGH ANY TWO  
ALIGNING HOLES

2" STEEL ROLLER  
WITH 4" STEM  
13 GA COMMERCIAL 'A'  
FRAME TOP BRACKET  
ATTACHED WITH (4)  
1/4-14x7/8" SELF  
DRILLING CRIMPITITE  
SCREWS

(2) 15 GA HINGE LEAFS  
ATTACHED WITH (3)  
1/4-14x5/8" CRIMPITITE  
SCREWS EACH

14 GA HINGE BASE  
FACTORY ATTACHED TO  
DOOR WITH (5)  
1/4-14x1/2" SELF DRILLING  
CRIMPITITE SCREWS

2" STEEL ROLLER WITH  
9" 1144 GRADE OR  
EQUIVALENT STEM

13 GA ROLLER SLIDE FACTORY  
RIVETED TO HINGE BASE

13 GA REINFORCING BRACKET  
ATTACHED TO HINGE BASE WITH (2)  
1/4-20x5/8" CARRIAGE BOLTS &  
1/4-20 HEX NUTS AND ATTACHED  
TO DOOR WITH (2) 1/4-14x7/8"  
SELF DRILLING CRIMPITITE SCREWS

15 GA HINGE ATTACHED WITH (3)  
FIELD ATTACHED 1/4-14x5/8"  
CRIMPITITE SCREWS AND (3)  
FACTORY ATTACHED 1/4-14x1/2"  
SELF DRILLING CRIMPITITE SCREWS

12 GA BOTTOM BRACKET FACTORY  
ATTACHED WITH (2) 1/4-14x1/2"  
SELF DRILLING CRIMPITITE SCREWS  
AND (1) 1/4-14x5/8" TAMPER  
RESISTANT SCREW

2" STEEL ROLLER  
WITH 4" STEM

DETAIL A

DETAIL B

DETAIL C

DETAIL D

U-BAR  
ALIGNMENT  
LINES ON  
END CAPS

## U-BAR LOCATIONS

(5) SECTION DOORS WITH  
(10) 3" 18 GA 80 KSI U-BARS  
LOCATED AS SHOWN

(4) SECTION DOORS WITH  
(8) 3" 18 GA 80 KSI U-BARS  
LOCATED AS SHOWN

(3) SECTION DOORS WITH  
(6) 3" 18 GA 80 KSI U-BARS  
LOCATED AS SHOWN

ALL U-BARS SHALL BE ATTACHED WITH (1)  
FASTENER AT EACH HOLE LOCATION (MINIMUM OF  
(18) FASTENERS PER U-BAR FOR 16' WIDE AND (12)  
FASTENERS PER U-BAR FOR 10' AND 12' WIDE).  
ALL FASTENERS USED TO ATTACH U-BARS SHALL  
BE 1/4-14x1/2" SELF DRILLING CRIMPITITE SCREWS  
EXCEPT AT ENDS WHICH SHALL BE 1/4-14x7/8"  
SELF DRILLING CRIMPITITE SCREWS.

NOTE: U-BARS SHALL BE INSTALLED LEVEL  
ACROSS DOOR. THE U-BAR ON THE TOP OF EACH  
SECTION SHALL HAVE THE BOTTOM OF THE U-BAR  
ALIGNED WITH THE LINE ON THE TOP PART OF  
THE END CAP (EXCEPT THE TOP OF THE TOP  
SECTION). THE U-BAR ACROSS THE BOTTOM OF  
EACH SECTION SHALL HAVE THE BOTTOM OF THE  
U-BAR ALIGNED WITH THE LINE ON THE LOWER  
PART OF THE END CAP. SEE DETAIL B THIS  
SHEET.

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